

SRU FOR SYNGAS PURIFICATION UNIT OF LSTK-2 :: BHEL REPLIES TO PRE-BID QUERIES DATED 31-01-2025

Sl.No.	Part / Volume	Page No.	Clause No.	Subject	Exiting Provision	Bidders Queries dated 31-01-05	BHEL Clarification 04-02-2025
1	Annexure-2 to PY 54037 Rev1			NIT-Price Bid	Bid to be quoted in INR	Axens is licenser from France and to quote the bid, BHEL has to allow bidding in foreign currency (EURO). Axens is not in position to quote bid in 'INR'. This is the most important clarification for Axens to pursue the bid.	Not acceptable as this is a domestic enquiry.
2				NIT- Due date of submission	Due date of 04-FEB-2025	In case BHEL confirms that the Global vendor can supply in foreign currency then Axens will require at least 6 weeks extension for submission of proposal/Bid.	Please note that BHEL has to submit a firm techno-commercial offer to end client by 28-02-2025, hence extension of bid submission by 6 weeks is not possible at this juncture.
3	4.3 POST ORDER LICENSE, ENGINEERING & SUPPLY:	5	4.3 & 4.4.1	Technology transfer	Transfer of Technical Information of SRU	There will be no technology transfer, License shall be provided	There will not be technology transfer. Bidder has to provide License and technical information as per tender specification.
4	1. INTRODUCTION	1	1.2	Design capacity of SRU	Design capacity of SRU to be 8TPD + 10% overdesign or 8*1.3 = 10.4 + 10 % overdesign.	Overdesigm margins and plant capacity to be clarified for license purpose	The SRU capacity is approximately 8 TPD with 10% design margin. The Sulphur Units shall be designed to operate and demonstrate for 12 hrs. Stable operation with turn-down ratio to suitably design considering Gasifier operation on 100% ROM Coal & 50% turndown ratio of the plant.
5			12.3	Catalyst Life Guarantees		Battery Limit conditions to be defined for various utilities	Clause specified by bidder is regarding the catalyst life, however, the query is regarding the battery limits for various utilities, which is defined in clause 12.4
6			5.9	Scope	Stack	Stack is not in licenser's scope	Design of incranator stack is in Bidders scope. BHEL shall manufacture/ procure as per Bidder's design.
7				Scope		Axens can only quote for scope relevant to basic engineering. Same shall be presented in this Axens' bid.	BHEL is seeking a bidder who can provide support for Basic Engineering, Licensing, and catalyst supply for the SRU package of 8TPD as per tender specification.

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8	TECHNICAL CONDITIONS OF CONTRACT PY 54037 Rev1	Sheet 3	1.2	SRU Capacity	8TPD +_ 30%	Design capacity of SRU to be 8TPD + 10% overdesign or $8 \times 1.3 = 10.4 + 10\%$ overdesign.	The SRU capacity is approximately 8 TPD with 10% design margin. The Sulphur Units shall be designed to operate and demonstrate for 12 hrs. Stable operation with turn-down ratio to suitably design considering Gasifier operation on 100% ROM Coal & 50% turndown ratio of the plant.
9	TECHNICAL CONDITIONS OF CONTRACT PY 54037 Rev1	Sheet 10	5.9	Gaseous Emmission	No H2S Limits	Emmission limits for H2S in mg/Nm3 applicable as per regulation. No Emmission limit for H2S in case of by pass of TGT section of SRU.	Bidder may please follow the following clause given in the specification "Licensor to refer applicable latest statutory norms of stringent CPCB / State pollution control board." Accordingly bidder to design the plant as per the latest stringent norms.
10	TECHNICAL CONDITIONS OF CONTRACT PY 54037 Rev1	Sheet 4-5	4.2	Scope for Pre bid engineering & support	d)Support for the Preparation of comprehensive consolidated Technical Offer	To clarify on support activities	Bidder to provide all the necessary input data to enable BHEL in submitting a firm techno-commercial offer to the end client. Input related to data sheets of column / vessels, scope matrices, terminal points etc. as per tender specification.
					e) Process/Thermal Design data for BHEL In-house Manufactured Equipment.	To clarify on support activities	Input data which is required to engineer, supply & manufacture the vessels / columns or any other equipment which is to be procured / manufactured by BHEL as per tender specification.
					g) Provide broad specifications / technical data sheets of applicable equipment / systems etc.	To clarify on support activities	Data sheets of the columns / vessels indicating the MOC, duty, dimension, weights, etc. as per tender specification.
					i) Re-Engineering in case of change in specifications or amendments issued by customer / Process Licensor of Syngas Purification Unit shall be carried out by SRU Package Licensor at any stage during execution of pre-bid or Post order activities.	To clarify on support activities	Re-engineering refers to redesigning of the process and other process related equipment in case of any changes or revision made by end client.
11	NIT	1	Vi	Opening of Tenders	Date 05/02/2025	14-03-2025	Please note that BHEL has to submit a firm techno-commercial offer to end client by 28-02-2025, hence extension of bid submission to 14-03-2025 is not posible at this juncture.
12	BOQ 46869			Price Schedule	INR	Euro	Not acceptable as this is a domestic enquiry.